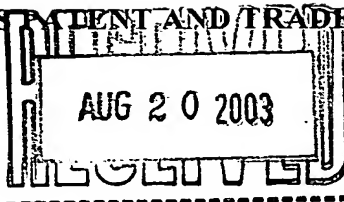




IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



2631
#12483
8/20/03

In re Application: Chen

Application No.: 10/062,116

Filed: January 30, 2002

Title: Frequency Offset Estimation for Communication Systems
Method and Device for Inter Symbol Interference

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Commissioner for patents
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

As assignee of record of each of the below-listed patent applications,

| No. | Serial No. | Title | Filing Date |
|-----|------------|---|-------------|
| 1 | 09/950,859 | Programmable Transceiver Structure of Multi-Rate OFDM-CDMA for Wireless Multimedia Communications | 09/12/2001 |
| 2 | 10/062,116 | Frequency Offset Estimation for Communication Systems Method and Device for Inter Symbol Interference | 01/30/2002 |
| 3 | 10/200,168 | Method for Integrating a Plurality of Radio Systems in a Unified Transceiver Structure and the Device of the Same | 07/23/2002 |
| 4 | 10/127,190 | System and Method for Synchronizing Multiuser Signals for OFDM CDMA | 04/04/2002 |
| 5 | 09/929,165 | Channel Quality Assessment Method and System for Performing the Same | 08/14/2001 |

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given in each of the listed patent applications are hereby revoked, and

NEW POWER OF ATTORNEY

the following attorneys/agents are hereby appointed to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: I hereby appoint all attorneys of Thomas, Kayden, Horstemeyer & Risley, LLP, who are listed under the USPTO Customer Number shown below as the attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Thomas, Kayden, Horstemeyer & Risley, LLP, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

24504

Patent Trademark Office

Please direct all correspondence and telephone calls to:

Daniel R. McClure, Reg. No. 38,962
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.
100 Galleria Parkway, Suite 1750
Atlanta, Georgia 30339
770-933-9500

ASSIGNEE OF ENTIRE INTEREST

INTEGRATED PROGRAMMABLE COMMUNICATIONS, INC.
777 San Antonio Road #90, Palo Alto, California 94303, U.S.A.

ASSIGNEE CERTIFICATION

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same.

Date:

July 24, 2003

952
T. S. Lee

Statement Under 37 C.F.R. 3.73(b)

Integrated Programmable Communications, Inc., of 777 San Antonio Road #90, Palo Alto, California 94303, U.S.A., is the assignee of the entire right, title, and interest in each of the below-listed patent applications, which assignments were recorded in the United States Patent & Trademark Office at the Reel and Frame noted for each application listed (by Serial Number, Title, and Filing Date) in the table below:

| No. | Serial No. | Title | Filing Date | Assignment (Reel/Frame) |
|-----|------------|--|-------------|----------------------------|
| 1 | 09/950,859 | Programmable Transceiver Structure of Multi-Rate OFDM- CDMA for Wireless Multimedia Communications | 09/12/2001 | 012718/0580 |
| 2 | 10/062,116 | Frequency Offset Estimation for Communication Systems Method and Device for Inter Symbol Interference | 01/30/2002 | 012557/0499 |
| 3 | 10/200,168 | Method for Integrating a Plurality of Radio Systems in a Unified Transceiver Structure and the Device of the Same | 07/23/2002 | Not yet assigned |
| 4 | 10/127,190 | System and Method for Synchronizing Multiuser Signals For OFDM CDMA | 04/09/2002 | Not yet assigned |
| 5 | 09/929,165 | Channel Quality Assessment Method and System for Performing the Same | 08/14/2001 | Not yet assigned |

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: July 24, 2003

Signature: 952

Typed or printed name: T. S. Lee

Title: Vice President

The extent (by, percentage) of Integrated Programmable Communications' ownership interest is 100%.